

## **AWEX-G Forecast for Monday, Nov. 3 (Nov 4 UT)**

**Forecast (updated 6:45pm CST): Scattered to broken cloud cover, with cloud bases around 5000ft and lowering further overnight. Winds approx. 15 mph.**

Difficult to nail down firm expectations for extent of cloud coverage. With current positioning, a little bit of movement by the front makes a big difference. Front should only move north a little if any, then head south again, keeping skies cloudy. Best opportunity (if any) for launches tonight should be toward the beginning of the period. Windspeeds will probably prevent launching the large sonde, though.

Synopsis: 00Z [surface analysis](#): Stationary front positioned in about the same location as this time yesterday, from OK panhandle across southern and SE Kansas. Low pressure over panhandles with trof extending along Tx/NewMex border.

[OK mesonet](#): Temps and dewpts look almost identical to last night. Regional dewpoint spreads of 7 to 9 degrees. Winds from the SE around 15 mph. Front barely into NW Oklahoma at 6:30pm.

[Grant County forecast](#): Tonight. Mostly cloudy with a 20 percent chance of showers and thunderstorms. Lows in the lower 60s. South winds 15 to 20 mph.

[RUC cloud forecast](#): partly to broken clouds with low bases just to the north early on, then later directly over the Central Facility.

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Observations at SGP@00 Z: Moon and stars visible, windy, good cirrus clouds.

We decided, at the daily (7pm CST) AWEX-G meeting, that we should go with a single 350g balloon @ 0300 Z with RS-90, Sippican and Internet payloads. If wind calms down, we will do the Frostpoint Hygrometer (w/RS-80 and SnowWhite). SRL was operational from ~0300 –. CARL ran throughout.

Belay

PS. Instrument malfunction prevented Holger's system from taking off. Instead, regular ARM RS90 with Larry's package was launched at 0600 UTC